

1. ALL RETAILATION AND CONSTRUCTION TECHNIQUES SHALL CONFORM TO COUNTY CODES AND STATE BOARD OF HEALTH "SEWAGE HANDLING AND DISPOSAL REQULATIONS" PERTAINING TO ON SITE SEWAGE SYSTEMS AND THE PURMIT FOR THE SITE.

2. THE DISTALLATION OF THIS SYSTEM SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND PROCEDURES SUPPLIED BY THE MANUFACTURER OF THE EQUIPMENT.

3. ALL PUC PIPE AND PITTINGS SHALL BE PIC SON 40 TYPE 1 RATED FOR PRESSURE APPLICATIONS. ALL 3. ALL PUC PIPE AND PITTINGS SHALL SE PUC SON 40 TIPE ! RATED FOR PRESSURE APPLICATIONS. ALL QUIED JOINTS SHALL SE CLEANED AND PRINCED WITH PURPLE (DYED) PUC PRINCED PRIOR TO BEING GLUED.

4. ALL CUTTING OF PUC PIPE, PLEIBLE PUC AND DRIPPER TUBING SHALL SE ACCOMPLISHED WITH PIPE CUTTING APPROVED BY MANUFACTURER. NO SAWING OF PUC, PLEIBLE PUC OR DRIPPER TUBING ALLOWED.

5. ALL PUC PIPE, PLEIBLE PUC AND DRIPPER TUBING IN THE WORK AREA SHALL HAVE THE DIGS COVERED WITH DUCT TAPE TO PREVENT CONSTRUCTION OEBRIS FROM ENTERING THE PIPE, PRIOR TO GLUING ALL JOINTS SHALL SE INSPECTED FOR AND CLEARED OF ANY CONSTRUCTION DEBMIS.

6. NO MET MEATHER RISTALLATION IS PERMITTED.

7. NO ACTIVITY ON DRAINFREID AREA OTHER THAN MISHAUM REQUIRED TO INSTALL SYSTEM. DO NOT PARK EQUIPMENT, DRIVE LARGE EQUIPMENT OVER, OR STORE MATERIALS ON DRAINFREID STR.

8. HORIZONTAL SPACING BETWEEN DRIPPER LINES AND THE SISTALLATION BEPTH SHALL SE AS SPECIFED.

8. THE BUILDING SEVER SHALL SE 4" SCHOO PVC WITH A MISHAUM SLOPE OF 1/4" PER FOOT. THEME SHALL SE NO BENDS GREATER THAN 46 DECREES. CLEANOUTS SHOULD SE PROVIDED EVERY 25 FEET.

FOR CONSTRUCTION TECHNOLIES REPER TO THE "SEWAGE HANDLING MID DISPOSAL REGULATIONS".

10. IF ENSTING SEPTIC TANKS ARE TO SE USED, THEY SHALL SE PLUMPED OUT BY A COMMERCIAL SEPTIC TANK CLEANER, AFTER THE THE TANK IS DUFFIED IT SHALL SE PUMPED OUT BY A COMMERCIAL SEPTIC TANK OLEANER, AFTER THE THE TANK IS DUFFIED IT SHALL SE RIVSED, PUMPED AND REFILLED WITH CLEAN WATER DEFINE IN SEPTIC TANK MUST SE WATERTIGHT. 11. IF TREES ARE TO BE REMOVED FROM SITE, CUT STUMPS FLUSH WITH GROUND. REMOVE BY HAND.

12. GRAVEL BASE UNDER CENTRAL CONTROL UNIT IS TO BE DRAINED VIA 2" PVC PIPE, SCREENED AT INLET AND GUTLET, DISCHARGE TO BE AT GRADE DOWN SLOPE (TO ENSURE DRAINAGE OF SURFACE WATER FROM UNITY.

13. THE CONTRACTOR SHALL BE CERTIFIED TO INSTALL THIS TYPE OF SYSTEM BY THE MARKFACTURER AND SHALL HOLD A PIRE CONSTRUCTION MEETING WITH THE INDIVIDUALS RESPONDING FOR SOIL EVALUATION, PERMITTING AND INSPECTIONS PROR TO SITE WORK BEGINNING TO INSURE PROTECTION OF THE SITE CONDITIONS AND TO ENSURE THE SYSTEM IS INSTALLED ACCORDING TO DESIGN.

14. IF SITE CONDITIONS ARE DETERMINED TO REQUIRE THE INSTALLATION OF THE SYSTEM TO DEVIATE FROM THESE PLANS, ALL SITE WORK SHALL STOP IMMEDIATELY AND THE DESIGNER SHALL BE NOTIFIED.

ANY CHAPTER WASHES AND THE AT THE BEST OF THE SYSTEM TO DEVIATE FOR THE CONTRACTOR. SUBSURFACE DISTRIBUTION SYSTEM ANY CHOCKING WORK SHALL SE AT THE SOLE RESPONSELITY OF THE CONTRACTOR.

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DEALHFIELD SUPPLY AND RETURN LINES TO SE INSTALLED AT ADEQUATE DEPTH TO PREVENT FREEZING.

EFFLUENT STRENGTH IS EXPECTED TO SE LESS THAN 300 Mg/L 3006 AND 300 Mg/L TSG.

THIS DESIGN COMPLIES WITH THE "SEWAGE HANDLING AND DISPOSAL REGULATIONS".

OPERATION AND MAINTENANCE MANUAL TO SE PROVIDED AT JOS COMPLETION. SCOPE: DOMESTIC SEWAGE WILL FLOW BY GRAVITY THROUGH THE ARRATION TANK THEN INTO A FINAL DOSING TANK. THE CENTRAL UNIT WILL DISPOSE OF THE EFFLUENT BY ALTERNATELY DOSING MULTIPLE ZONES IN THE SOIL ABSORPTION AREA THE CENTRAL UNIT COMPRISES BOTH THE CONTRO AND THE HYDRAUUC UNITS. AMERICAN MANUFACTURING CO. 8517 WELLINGTON RO. GAINESVELLE VA 20186; 703-754-007

- 1.) PACKAGE SYSTEM SUPPLIED BY AMERICAN MANUFACTURING CO. AS DISTRIBUTED BY STREAMKEY, INC. 0.61 GPH DRIPPER LINE - 2000 LF. 1/2 HP PUMP. APPROXIMATE ABSORPTION AREA/EMITTER=4 SQ. FT.
- 2.) FLUSH FIELD FREQUENCY: 1 IN 25 DOSES
- 3.) FILTER FLUSH FREQUENCY: 1/DOSE
- 4.) AIR RELEASE VALVES ARE TO BE INSTALLED AT THE HIGH POINT OF EÁCH DRIP ZONE.
- 5.) THE PROPOSED SITE OF THE INITIAL SEWAGE SYSTEM AND THE RÉPLACEMENT AREA MUST BE CLEARLY IDENTIFIED, STAKED AND FENCED OFF AS NECESSARY TO ENSURE THAT THESE AREAS ARE PROTECTED DURING THE SITE DEVELOPMENT AND HOME CONSTRUCTION PROCESS. ANY DISTURBANCE OR DAMAGE THAT OCCURS DURING THE SITE DEVELOPMENT AND HOME CONSTRUCTION PROCESS WILL RESULT IN THE FOREFEITURE OF THE SYSTEM DESIGN APPROVAL.
- 6.) THE FORCE MAIN SHOULD BE INSTALLED FROM THE UPSLOPE SIDE. ALL VEHICLE TRAFFIC ON THE BASAL AREA AND DOWNSLOPE AREA OF THE MOUND SHOULD BE AVOIDED WITH INSTALLATION WORK BEING CONDUCTED FROM THE UPSLOPE SIDE OR END OF THE MOUND BASAL
- 7.) SCARIFY THE SURFACE OF DRIP FIELD AREA WITH CHISEL PLOW TO FORM A GOOD TRANSITION BETWEEN EXISTING NATURAL SOIL AND TOPSOIL FILL.
- 8.) MINIMIZE COMPACTION BY USING LIGHT-WEIGHT EQUIPMENT AND BY KEEPING EQUIPMENT OFF THE DRIP FIELD AREA.
- 9.) SURFACE WATER RUNOFF & ROOF DRAINS ARE TO BE DIVERTED AWAY FROM FIELD.
- 10.) DURING START UP INSTALLER SHALL RECORD FLOW RATE AND FLUSH RATE FOR EACH ZONE AND THE WATER METER READING.
- 11.) ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELÉCTRICAL CODE.
- 12.) INSTALLATION AND O&M MANUALS SHALL BE PROVIDED BY SUPPLIER.
- 13.) THE HOME OWNER IS REQUIRED TO ENTER INTO A SERVICE CONTRACT FOR SYSTEM MAINTENANCE. ALL SERVICE SHALL BE PERFORMED BY A CERTIFIED SERVICE PROVIDER.
- 14.) THE DESIGNER AND SYSTEM SUPPLIER WILL BE AVAILABLE FOR ON-SITE CONSULTING AND CONDUCTING A SYSTEM START-UP UPON COMPLETION OF THE INSTALLATION.
- 15.) DESIGN SHALL CONFORM TO THE OHIO ADMINISTRATIVE CODE CHAPTER 3701-29 EFFECTIVE 01/01/2007

					RATE, (GAL/DAY/FT.)
SITE SOIL DATA				SLOPE	
					8%
SOIL CHAR		INFILTRATIO RA (GAL/D	N LOADING	INFILTRATION DISTANCE, IN.	
TEXTURE	STRUCTURE			Y/FT ²)	8–12
	SHAPE	GRADE		<30 MG/L	3.0 (3.0 ACTUAL
SIL	GR	2	0.6	0.8	1 3.0 (3.0 AGTORE

NOTE: THE DESIGN USED IS MORE CONSERVATIVE THAN VALUES FROM REFERENCE LOADING RATE TABLES. (0.19 ACTUAL)

Revisions: . 3/27/07 HEALTH DEPT. STREAMKEY

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TES ET.

Date: FEBRUARY, 2007 Scale: Hor. _1"=20"__ Vert. N/A Filenome: SITEPLAN.DWG

Sheet CONTRACT No. 07-2222